

NAME	EFFECTIVE DATE AUGUST 27, 2018
ID NUMBER	VERSION 2188

# KUTZTOWN

## U N I V E R S I T Y

**DEGREE REQUIREMENTS**

**GENERAL EDUCATION**

**Student Learning Outcomes (SLO)**

*Upon completion of the requirements for the General Education Program, students will be able to:*

- 1 communicate clearly and effectively orally and in writing.
- 2 apply scientific and quantitative reasoning to solve problems and increase knowledge.
- 3 apply skills in critical analysis and reasoning for the interpretation of data.
- 4 engage critically with creative or artistic works.
- 5 demonstrate the ability to retrieve, interpret, evaluate, and use information.
- 6 analyze the role of values, ethics, diversity, and multiple perspectives in local and global society.
- 7 demonstrate an understanding of various models for the development of the whole person.

*Completion of the KU General Education program will give students opportunities to:*

- 8 explore concepts, ideas, and methods from a variety of disciplines.

*Use this checklist to plan your degree program. Meet every semester with your academic advisor to be sure that you are taking courses that are required to obtain the degree you are seeking. Discuss your goals and choose courses that will help you to attain them. Get the most out of your education by taking advantage of everything that Kutztown University has to offer.*

**TOTAL GENERAL EDUCATION CREDITS 42-45**

**FIND A FULL EXPLANATION OF THE GENERAL EDUCATION PROGRAM AT WWW.KUTZTOWN.EDU**

**First Year Seminar: Discovering College** CREDITS REQUIRED **3**

THIS COURSE MEETS SLO 5 & 7 CREDITS EARNED:

COURSE NUMBER	COURSE NAME	CR	GR
FYS 100	First Year Seminar		

TRANSFER STUDENTS TRANSFERRING 30 CREDITS OR MORE AND NOT TRANSFERRING AN FYS OR FYE COURSE MAY SELECT ANY ADDITIONAL COURSE FROM SECTIONS A, B, C, OR D TO MEET THEIR FYS REQUIREMENT.

TRANSFER ELECTIVE: CREDITS EARNED:

**A Communicating With And About the World** CREDITS REQUIRED **12**

THESE COURSES MEET SLO 1 & 5 CREDITS EARNED:

COURSE NUMBER	COURSE NAME	CR	GR
1	COMPOSITION 100 LEVEL CMP 1__ CMP 100 (Suggested)		
2	COMPOSITION 200 LEVEL CMP 2__		
3	SPEAKING		
4	ANY WRITING (A2) OR SPEAKING COURSE (A3) OR FROM THE APPROVED LIST		

COURSES IN CATEGORIES B, C & D MUST BE TAKEN OUTSIDE THE STUDENT'S MAJOR. THE MAJOR IS DEFINED AS THE PREFIX THAT IDENTIFIES THE MAJOR. CONCOMITANT REQUIREMENTS MAY BE TAKEN TO MEET GENERAL EDUCATION REQUIREMENTS.

**B Understanding Self & Others** CREDITS REQUIRED **9**

THESE COURSES MEET SLO 3 & 6 CREDITS EARNED:

COURSE NUMBER	COURSE NAME	CR	GR
1	SPU 201 (Suggested)		
2	EDU 100 (Suggested)		
3			

**C Understanding Science & Technology** CREDITS REQUIRED **9-12**

THESE COURSES MEET SLO 2 & 3 CREDITS EARNED:

COURSE NUMBER	COURSE NAME	CR	GR
1	SCIENTIFIC INQUIRY		
2	QUANTITATIVE REASONING MAT 181 (Suggested)		
3	ANY COURSE APPROVED FOR C1 OR C2 MAT 182 (Suggested)		

**D Understanding & Creating Ideas** CREDITS REQUIRED **9**

THESE COURSES MEET SLO 4 & 6 CREDITS EARNED:

COURSE NUMBER	COURSE NAME	CR	GR
1	ENG LIT (010) (Suggested)		
2	SPU 314 (Suggested)		
3			

PROGRAM CODE  
UCOESEUSMT

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FALL 2018

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COLLEGE OF EDUCATION

# SECONDARY EDUCATION

BACHELOR OF SCIENCE

## MATHEMATICS with SPECIAL EDUCATION

STUDENT:

STUDENT ID NUMBER:

### CERTIFICATION COURSES

#### Professional Courses – Pre-Candidacy

COURSE	CR	GRADE
CMP 100 LEVEL COURSE † †	3	
ENG LITERATURE † †	3	
EDU 100 PERSPECTIVES ON AMERICAN EDUCATION †	3	
SPU 201 COGNITIVE DEVEL. OF DIVERSE LEARNERS †	3	
SPU 314 EFFECTIVE INSTRUCTIONAL STRATEGIES †	3	
<b>TOTAL CREDITS</b>	<b>15</b>	

#### Professional Courses – Teacher Candidacy Required

COURSE	CR	GRADE
SEU 312 PRINCIPLES OF LEARNING ‡	3	
SEU 313 PRINCIPLES OF LEARNING LAB ‡	3	
SEU 342 PRINCIPLES OF TEACHING ‡	3	
SEU 343 PRINCIPLES OF TEACHING LAB ‡	3	
SEU 430 MATH METHODS FOR MIDDLE AND HIGH SCHOOL ‡	3	
<b>TOTAL CREDITS</b>	<b>15</b>	

#### Special Education Courses

COURSE	CR	GRADE
SPU 316 LIT. DEV. AND INSTR. IN CORE AND INTERVENTION AREAS	3	
SPU 317 INTENS. READ, WRIT, AND MATH INTERV. APPROACH	3	
SPU 318 ASSESS. & INSTR. METHODS FOR STUDENTS W/ DIS.	3	
SPU 320 SPECIAL EDUCATION PROCESS AND IEP DEVELOPMENT	3	
SPU 322 TEACHING STUDENTS WITH HIGH INCIDENT REPORTS	3	
SPU 328 POSITIVE BEHAVIORAL INTERVENTION & SUPPORTS	3	
SPU 330 TEACHING STUDENTS WITH LOW INCIDENT REPORTS	3	
<b>TOTAL CREDITS</b>	<b>21</b>	

#### Clinical Experience Courses

COURSE	CR	GRADE
SEU 390 CLINICAL EXPERIENCE I	6	
SEU 393 CLINICAL EXPERIENCE II	6	
<b>TOTAL CREDITS</b>	<b>12</b>	

#### Required Mathematics Courses

COURSE	CR	GRADE
<b>CHOOSE (ONE) OF THE FOLLOWING:</b>		
CSC 135 COMPUTER SCIENCE I	3	
CSC 123 INTRODUCTION TO SCIENTIFIC PROGRAMMING		
MAT 181 CALCULUS I † †	4	
MAT 182 CALCULUS II † †	4	
MAT 283 CALCULUS III	4	
MAT 220 HISTORY OF MATHEMATICS	3	
MAT 224 FOUNDATIONS OF HIGHER MATHEMATICS	3	
MAT 240 SYNTHETIC GEOMETRY	3	
MAT 260 LINEAR ALGEBRA	3	
MAT 301 PROBABILITY AND STATISTICS I	3	
MAT 311 ABSTRACT ALGEBRA I	3	
MAT 351 REAL ANALYSIS I	3	
<b>TOTAL CREDITS</b>	<b>36</b>	

#### Mathematics Elective Courses

SELECT ANY TWO (2) MAT COURSES 105 OR HIGHER

COURSE	CR	GRADE
	3/4	
	3/4	
<b>TOTAL CREDITS</b>	<b>6/8</b>	

#### Mathematics Elective Courses

SELECT ANY TWO (2) MAT COURSES 200 OR HIGHER OR ONE (1) MAT COURSE 200 OR HIGHER AND ONE (1) CSC COURSE 123 OR HIGHER

COURSE	CR	GRADE
	3/4	
	3/4	
<b>TOTAL CREDITS</b>	<b>6/8</b>	

- † THESE COURSES ARE ALSO DIRECTED GENERAL EDUCATION COURSES
- ‡ THESE COURSES REQUIRE A GRADE OF C OR BETTER
- ‡ THESE COURSES REQUIRE A GRADE OF B OR BETTER

**Directed General Education Courses** THESE ARE GEN ED COURSES THAT ARE ALSO PART OF THE SEC ED PROGRAM. IF YOU DO NOT TAKE THESE COURSES TO FULFILL YOUR GENERAL EDUCATION REQUIREMENTS, YOU MAY NEED AS MANY AS 145 CREDITS TO FINISH THIS DEGREE.

COURSE	✓	CR	GE	COURSE	✓	CR	GE	COURSE	✓	CR	GE
CMP 100 LEVEL COURSE		3	A1	MAT 181 CALCULUS I		4	C2	ENG LITERATURE		3	D
SPU 201 COG. DEV. DIV. LEARNERS		3	B	MAT 182 CALCULUS II		4	C3				
EDU 100 PERSPEC. ON AMER. ED.		3	B	SPU 314 EFFECTIVE INSTR. STRAT.		3/4	D				
<b>TOTAL CREDITS</b>										<b>23</b>	

### CANDIDACY REQUIREMENTS

	REQUIRED	✓
REQUIRED BASIC SKILLS ASSESSMENTS	PASS	
REQUIRED GPA	3.0	
C OR BETTER IN REQUIRED COURSES † (CMP, ENG LIT, & 2 MAT)	C	
PROGRAM SPECIFIC OBSERVATION HRS		

**KUTZTOWN**  
UNIVERSITY

### GRADUATION REQUIREMENTS

	REQUIRED	✓
GENERAL EDUCATION CREDITS	44	
PROGRAM CREDITS	88	
<b>TOTAL CREDITS</b>	<b>132</b>	

Program: BSED SEU/MATH with SPU

YEAR 1					
Fall Semester			Spring Semester		
Course	Title	C.H.	Course	Title	C.H.
CMP 100	Composition Course	3	CMP 200	Composition Course	3
EDU 100CT	Perspectives on American Education	3	COM 10 or above	Oral Communication Course	3
FYS 100	First Year Seminar	3	MAT	Mathematics Requirement	3/4
MAT	Mathematics Requirement	3/4	Content	Required Course	3/4
SPU 201	Cognitive Development of Diverse Learners in a Standards Aligned System	3	SPU 314	Effective Instructional Strategies for Students with Disabilities in Inclusive Settings	3
<b>Total</b>		<b>15/16</b>	<b>Total</b>		<b>15/17</b>

YEAR 2					
Fall Semester			Spring Semester		
Course	Title	C.H.	Course	Title	C.H.
ENG	Literature Course	3	SPU	Required Course	3
Gen Ed	Required Course	3	Gen Ed	Required Course	3
Gen Ed	Required Course	3	Gen Ed	Required Course	3
Content	Required Course	3/4	Content	Required Course	3/4
Content	Required Course	3/4	Content	Required Course	3/4
			Content	Required Course	3/4
			Content	Required Course	3/4
<b>Total</b>		<b>15/17</b>	<b>Total</b>		<b>18/21</b>

YEAR 3					
Fall Semester			Spring Semester		
Course	Title	C.H.	Course	Title	C.H.
SEU 312WICD	Principles of Learning	3	SEU 342WIVL	Principles of Teaching	3
SEU 313	Principles of Learning Clinical Component	3	SEU 343	Principles of Teaching Clinical Component	3
SPU	Required Course	3	SPU 317	Intensive Reading, Writing, and Mathematics Intervention Approaches (TRIO Course)	3
Content	Required Course	3/4	SPU 320CT	Special Education Processes and IEP Development (TRIO Course)	3
Content	Required Course	3/4	SPU 322	Teaching Students with High Incidence Disabilities (TRIO Course)	3
Content	Required Course	3/4	Content	Required Course	3/4
<b>Total</b>		<b>18/21</b>	<b>Total</b>		<b>18/19</b>

YEAR 4					
Fall Semester			Spring Semester		
Course	Title	C.H.	Course	Title	C.H.
SEU 430WI	Math Instructional Methods for Middle & High School	3	SEU 390	Clinical Experience & Practicum I	6
SPU	Required Course	3	SPU 393	Clinical Experience & Practicum II	6
SPU	Required Course	3			
Content	Required Course	3/4			
Content	Required Course	3/4			
Content	Required Course	3/4			
<b>Total</b>		<b>18/21</b>	<b>Total</b>		<b>12</b>